July 2009



DEPARTMENT OF EDUCATION

2008–2009 School Year Reports

Dear School Board Members and School Personnel:

The Maine Educational Assessment (MEA) is the State's measure of student progress in achieving the State accountability standards of Maine's *Learning Results*. The *Learning Results* contain goals for what all students should know and be able to do at certain times in their school careers and include the accountability standards that are assessed for each grade. The MEA is administered to students in all grades 3 through 8 to meet state assessment requirements and the requirements of the federal *No Child Left Behind* Act.

The 2008-2009 MEA Summary Reports contain the results of student achievement in reading and mathematics at all grades and science at grades 5 and 8 and disaggregated by student and school characteristics. This report, together with MEA individual student and subject-specific class analysis reports, provides support for use in program evaluation and planning.

MEA results reflect scores based on test questions that are taken in common by the approximately 15,000 students in each grade level. Students' scores in each content area are based on answers to a combination of multiple-choice questions and questions that require students to construct an answer. More information about the MEA is available at www.maine.gov/education/mea/index.htm.

I look forward to working with you in support of our continued efforts to improve the quality and effectiveness of the instructional opportunities designed to help all students achieve the high standards of the *Learning Results* and demonstrate that achievement through performance on the assessments.

Sincerely,

Susan A. Gendron

Commissioner of Education

Susan A. Lendron



School Report Grade 4

Test Date: March 2009 Code: 11341351

SAU: Portland Public Schools

School: Harrison Lyseth Elem School

Contents of the Report

The report is divided into two main sections including a section describing the students tested and a separate section for the results in each content area.

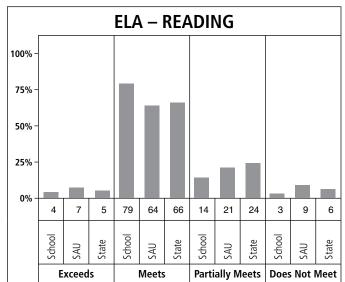
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SUMMARY OF SCORES

Summary of School, SAU, and State Scores

Year	Avera	age Scaled S	Score
ieai	School	SAU	State
ELA – Reading 2006–2007 2007–2008 2008–2009 Cum. Avg.*	449 450 449 449	443 443 446 444	445 445 446 445
Mathematics 2006–2007 2007–2008 2008–2009 Cum. Avg.*	450 448 449 449	442 442 444 443	445 445 446 445



State

SAU

Meets

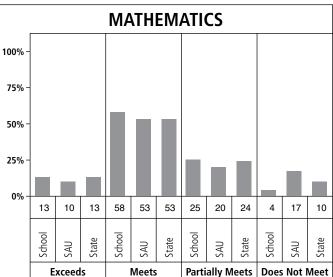


School

Partially Meets | Does Not Meet

State

SAU



Portland Public Schools

Harrison Lyseth Elem School

Test Date: March 2009

Grade:

School:

SAU:

100%

75%

50%

25%

School

SAU

Exceeds

^{*}Cumulative averages are weighted, i.e., the scaled scores are averaged proportionally based on the numbers of students in each year.



SUMMARY OF STUDENT PARTICIPATION

Test Date: March 2009

Grade: 4

SAU: Portland Public Schools School: Harrison Lyseth Elem School

		E	nroll	mer	nt¹						C	TNC	EN.	ΓΑΕ	REA	PA	RTIC	CIPA	TIO	N ²				
CATEGORY OF		durii	ng test	ing wi	ndow				ELA-F	Reading					Mathe	matics								
PARTICIPATION	Sch	nool	SA	AU	St	ate	Scl	nool	S	AU	St	ate	Scl	hool	S	AU	St	ate	Sch	nool	S	AU	St	tate
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Total number of students	72	100	490	100	13805	100	72	100	484	99	13737	100	72	100	486	99	13746	100						
Ethnicity African American/Black	5	7	85	17	419	3	5	100	81	95	410	98	5	100	82	96	416	99						
American Indian or Native Alaskan	0	0	2	0	125	1	0	0	2	100	124	99	0	0	2	100	124	99						
Asian or Pacific Islander	4	6	46	9	229	2	4	100	44	96	223	97	4	100	46	100	227	99						
Hispanic	3	4	22	4	149	1	3	100	22	100	148	99	3	100	22	100	148	99						
Caucasian/White	60	83	335	68	12883	93	60	100	335	100	12832	100	60	100	334	100	12831	100						
Not Reported	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
Identified disability	9	13	90	18	2383	17	9	100	90	100	2366	100	9	100	89	99	2364	99						
Current LEP	3	4	101	21	377	3	3	100	95	94	362	96	3	100	99	98	373	99						
Economically disadvantaged	13	18	223	46	5819	42	13	100	217	97	5782	99	13	100	220	99	5788	100						
Migrant	0	0	0	0	6	0	0	0	0	0	6	100	0	0	0	0	6	100						

MODE OF			ELA-R	Reading					Mathe	matics								
	Scl	nool	Si	AU	Sta	ate	Sch	nool	Si	AU	Sta	ate	Scl	hool	s	AU	Sta	te
PARTICIPATION ³	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Participation without accommodations	61	85	341	70	10439	76	61	85	342	70	10471	76						
Identified disability (PET/IEP)	1	2	20	6	351	3	1	2	20	6	367	4						
LEP	2	3	35	10	171	2	2	3	36	11	172	2						
504 plan	0	0	1	0	92	1	0	0	1	0	90	1						
Participation with accommodations	11	15	137	28	3142	23	11	15	137	28	3138	23						
Identified disability (PET/IEP)	8	73	64	47	1860	59	8	73	62	45	1860	59						
LEP	1	9	59	43	186	6	1	9	62	45	198	6						
504 plan	0	0	0	0	71	2	0	0	0	0	73	2						
Other	2	18	23	17	1060	34	2	18	22	16	1043	33						
Participation through alternate assessment (PAAP)	0	0	6	1	155	1	0	0	7	1	137	1						
Identified disability (PET/IEP)	0	0	6	100	155	100	0	0	7	100	137	100						
LEP	0	0	1	17	4	3	0	0	1	14	3	2						
504 plan	0	0	0	0	0	0	0	0	0	0	0	0						
Approved non-participation in reading – 1st year LEP	0	0	0	0	1	0												
Approved non-participation – special consideration	0	0	0	0	11	0	0	0	0	0	11	0						
Non-participation – other	0	0	6	1	57	0	0	0	4	1	48	0						

¹Percents are the percentage of students enrolled in each participation category.

²Percents are the percentage of students, including those who participated through alternate assessment (PAAP), who participated in the content area.

³Percents are the percentage of students in each content area by mode.



ELA-READING RESULTS

Test Date: March 2009

Grade:

SAU: Portland Public Schools School: Harrison Lyseth Elem School

STUDENTS AT EACH ACHIEVEMENT LEVEL

						1	
ACHIEVEMENT LEVEL DEFINITIONS		Sch	ool	SA	AU	Sta	ite
The quality of a student's work at each achievement level reflects progress in attaining Maine's <i>Results: Parameters for Essential Instruction</i> in English language arts – reading.	s Learning	N	%	N	%	N	%
Exceeds the Standards – The student's work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing in-depth inferences, analyzing texts for subtle clues, synthesizing information across texts, and using his/her knowledge of text features and literary devices to make deeper connections within or across texts to increase comprehension. (Scaled Score 462–480)	2006-2007	8	8	15	3	507	4
	2007-2008	10	11	28	6	559	4
	2008-2009	3	4	32	7	672	5
	Cum. Total*	21	8	75	5	1738	4
Meets the Standards – The student's work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing inferences, summarizing main ideas and providing supporting details, connecting ideas within and across texts, and using his/her knowledge of text features and literary devices to increase comprehension. (Scaled Score 442–460)	2006-2007	67	64	261	53	8749	63
	2007-2008	67	72	271	54	8308	59
	2008-2009	57	79	307	64	8917	66
	Cum. Total*	191	71	839	57	25974	63
Partially Meets the Standards – The student's work demonstrates an inconsistent ability to read and interpret literary and informational texts appropriate for the grade level. The student's ability to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, and use his/her knowledge of text features and literary devices varies depending on the texts. (Scaled Score 432–440)	2006-2007	26	25	148	30	3467	25
	2007-2008	14	15	128	25	3922	28
	2008-2009	10	14	98	21	3241	24
	Cum. Total*	50	19	374	25	10630	26
Does Not Meet the Standards – The student's work demonstrates a limited ability to read and interpret literary and informational texts appropriate for the grade level. The student's responses are often vague or incorrect leaving the impression that the student found it difficult to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, or use his/her knowledge of text features and literary devices to support comprehension. (Scaled Score 400–430)	2006-2007	3	3	68	14	1165	8
	2007-2008	2	2	79	16	1264	9
	2008-2009	2	3	41	9	751	6
	Cum. Total*	7	3	188	13	3180	8

		nber	A	verage Poir	nts Attaine	d (Number	and Percer	nt)
Learning Results Content Standards		oints sible	Sch	ool	SA	AU	Sta	ate
	N	%	N	%	N	%	N	%
Reading Total Points	48	100	34.1	71.0	31.5	65.6	31.6	65.8
A1/A2 Interconnected Elements/Literary Text	24	50	17.6	73.3	16.1	67.1	16.1	67.1
A1/A3 Interconnected Elements/Informational Text	24	50	16.5	68.8	15.4	64.2	15.5	64.6

The MEA assesses students' reading skills based on questions related to two types of reading passages: literary and informational. Reading passages include both long and short texts, selected from developmentally appropriate works. MEA reading items measure the English Language Arts accountability content standard A, Reading, contained in Maine's 2007 Learning Results: Parameters for Essential Instruction, which can be found at:

http://www.maine.gov/education/lres/pei/index.html.



ELA-READING RESULTS

(CONTINUED)

Test Date: March 2009

Grade:

SAU: Portland Public Schools School: Harrison Lyseth Elem School

-						· nool							SA	ΑU					Sta	ate		
REPORTING CATEGORIES	Tested		E		M		P		D	Mean Scaled	Tested	E	М	P	D	Mean Scaled	Tested	E	М	P	D	Mean Scaled
	N	N	%	N	%	N	%	N	%	Score	N	%	%	%	%	Score	N	%	%	%	%	Score
All Students	72	3	4	57	79	10	14	2	3	449	478	7	64	21	9	446	13581	5	66	24	6	446
Ethnicity African American/Black American Indian or Native Alaskan Asian or Pacific Islander Hispanic Caucasian/White Not Reported	5 0 4 3 60 0	1	20 3	49	80 82	0 8	0	0	0	451 450	81 2 43 22 330 0	2 2 5 8	48 51 50 71	25 35 32 17	25 12 14 4	439 442 444 449	408 122 221 146 12684 0	2 1 9 1 5	51 59 62 64 66	31 34 22 28 24	16 6 7 6 5	441 444 447 445 446
Identified disability Yes No	9 63	0	0 5	6 51	67 81	2 8	22 13	1 1	11 2	445 450	84 394	0	39 70	35 18	26 5	438 448	2211 11370	1 6	39 71	42 20	18 3	439 448
Current LEP Yes No	3 69	3	4	55	80	9	13	2	3	450	94 384	0	40 70	36 17	23 5	438 448	357 13224	3 5	42 66	36 24	19 5	440 446
Economically disadvantaged Yes No	13 59	0	0 5	7 50	54 85	4 6	31 10	2 0	15 0	441 451	213 265	1 11	52 74	30 13	17 2	441 451	5677 7904	2 7	57 72	32 18	9 3	443 448
Migrant Yes No	0 72	3	4	57	79	10	14	2	3	449	0 478	7	64	21	9	446	6 13575	0 5	67 66	33 24	0 6	445 446
Gender Female Male Not Reported	38 34 0	3 0	8 0	30 27	79 79	4 6	11 18	1 1	3 3	450 449	251 227 0	10 4	62 67	19 22	10 7	447 446	6580 7001 0	7 3	68 64	21 27	5 6	448 445
Title 1A targeted program Yes No	5 67	0 3	0 4	3 54	60 81	1 9	20 13	1 1	20 1	440 450	214 264	3 10	54 73	28 15	16 3	442 450	2127 11454	1 6	48 69	42 20	9 5	441 447
Gifted/talented program Yes No	0 72	3	4	57	79	10	14	2	3	449	3 475	6	64	21	9	446	324 13257	27 4	72 65	1 24	0 6	458 446

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested.

= Number



ELA-READING RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2009

Grade:

SAU: **Portland Public Schools** Harrison Lyseth Elem School School:

					Sch	ool							SA	Ú					Sta	ite		
QUESTIONNAIRE ITEMS	Students in Each Category		E	ı	М		P	I)	Mean Scaled Score	Students in Each Category	E	М	Р	D	Mean Scaled Score	Students in Each Category	E	М	Р	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%	Jeore	%	%	%	%	%	30010	%	%	%	%	%	1
How much homework do you do on school nights? A. none B. less than one hour C. one to two hours D. more than two hours	1 54 42 3	0 3 0 0	0 8 0	1 29 24 2	100 76 80 100	0 6 4 0	0 16 13 0	0 0 2 0	0 0 7 0	460 450 447 455	4 70 24 3	6 8 4 0	39 65 70 38	28 19 20 31	28 7 7 31	439 447 447 439	4 75 18 2	2 5 5 3	45 67 67 45	36 23 23 36	17 4 5 16	441 447 447 442
Which of the following best describes how you rate yourself as a student in reading? A. very good B. good C. fair D. poor	33 57 10 0	2 1 0	9 3 0	18 31 5	78 79 71	2 6 2	9 15 29	1 1 0	4 3 0	452 448 447	46 44 9 2	12 3 0	65 66 65 25	15 25 23 38	9 6 13 38	448 446 443 434	40 45 13 2	8 3 1 0	71 66 54 39	17 25 35 42	4 5 10 19	449 446 442 439
How well do the questions that you have just been given on this MEA test match what you have learned in school about reading? A. The questions on the test match what I have learned in reading class. B. They match some of what I have learned. C. They match just a little of what I have learned. D. There is no match.	41 54 3 1	0 3 0	0 8 0	26 28 1	90 74 50 100	3 5 1 0	10 13 50 0	0 2 0	0 5 0	450 449 443 444	30 53 14 4	9 7 2 0	68 69 56 24	17 18 26 53	6 6 17 24	448 448 442 436	31 53 11 4	8 4 2 1	69 68 54 39	19 23 35 40	4 4 10 20	448 447 442 439
How hard was the reading part of this test? A. harder than my regular schoolwork B. about the same as my regular schoolwork C. easier than my regular schoolwork	7 62 31	0 1 2	0 2 10	4 35 16	80 83 76	1 6 1	20 14 5	0 0 2	0 0 10	446 449 451	18 60 21	6 7 7	44 70 69	21 19 18	29 3 5	441 448 448	19 63 18	4 6 4	54 69 68	31 22 23	11 4 5	443 447 446
How hard were the reading passages on this test? A. Most of the passages were harder than what I normally read. B. Most of the passages were about the same as what I normally read. C. Most of the passages were easier than what I normally read.	4 54 42	0 1 2	0 3 7	2 31 23	67 82 77	1 6 3	33 16 10	0 0 2	0 0 7	448 448 450	12 47 41	0 4 13	31 68 70	29 23 14	40 5 4	435 446 450	13 52 35	0 4 9	39 69 72	43 24 16	17 4 3	439 446 449
How much time do you spend reading at home each day? A. more than one hour B. 20 minutes to an hour C. less than 20 minutes D. I rarely read at home.	15 76 7	1 2 0 0	9 4 0 0	10 41 4 1	91 76 80 100	0 9 1 0	0 17 20 0	0 2 0 0	0 4 0 0	453 449 447 446	27 53 10 10	10 7 2 0	66 66 67 53	16 21 24 24	9 6 7 22	448 447 445 440	21 55 13 11	8 5 2 1	68 70 57 51	19 21 33 37	5 4 8 11	448 447 443 442
How many pages do you read in school and to complete homework assignments? A. five or fewer pages B. six to ten pages C. eleven or more pages Optional school/SAU question	36 1 63	0 0 3	0 0 7	21 1 33	84 100 75	4 0 6	16 0 14	0 0 2	0 0 5	450 450 449	22 17 60	2 4 10	61 64 67	28 24 16	9 8 7	444 445 448	25 24 51	3 4 7	59 64 70	30 26 20	8 6 4	444 445 448
A. B. C. D.	0 0 100 0	0	0	2	100	0	0	0	0	452	25 38 31 6	0 0 0 0	25 17 80 0	75 67 0 0	0 17 20 100	438 434 444 428						

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards N = Number



MATHEMATICS RESULTS

Test Date: March 2009

Grade:

SAU: Portland Public Schools
School: Harrison Lyseth Elem School

STUDENTS AT EACH ACHIEVEMENT LEVEL

ACHIEVEMENT LEVEL DEFINITIONS		Sch	ool	SA	'U	Sta	te
The quality of a student's work at each achievement level reflects progress in attaining Maine's Results: Parameters for Essential Instruction in mathematics.	s Learning	N	%	N	%	N	%
Exceeds the Standards – The student's work demonstrates in-depth understanding of essential concepts in mathematics, including the ability to make multiple connections among central ideas. The student's responses demonstrate the ability to synthesize information; analyze and solve difficult problems, including developing and implementing strategies, efficiently and accurately performing procedures, and recording and justifying solutions; and explain complex concepts. (Scaled Score 462–480)	2006-2007	14	13	41	8	1054	8
	2007-2008	7	8	50	10	1321	9
	2008-2009	9	13	47	10	1712	13
	Cum. Total*	30	11	138	9	4087	10
Meets the Standards – The student's work demonstrates a general understanding of essential concepts in mathematics, including the ability to make connections among central ideas. The student's responses demonstrate the ability to analyze and solve problems including developing and implementing strategies, to perform procedures, and to record and explain solutions and concepts. The student's work may contain minor errors. (Scaled Score 442–460)	2006-2007	61	59	222	45	7394	53
	2007-2008	58	62	214	42	7079	51
	2008-2009	42	58	252	53	7270	53
	Cum. Total*	161	60	688	46	21743	52
Partially Meets the Standards – The student's work demonstrates incomplete understanding of essential concepts in mathematics and inconsistent connections among central ideas. The student's responses demonstrate some ability to analyze and solve problems, and explain concepts. Problem solving strategies may be flawed, procedures performed inaccurately, methods not recorded and/or problems not completed. (Scaled Score 430–440)	2006-2007	24	23	142	29	3729	27
	2007-2008	22	24	137	27	3955	28
	2008-2009	18	25	98	20	3219	24
	Cum. Total*	64	24	377	25	10903	26
Does Not Meet the Standards – The student's work demonstrates limited understanding of essential concepts in mathematics and infrequent or inaccurate connections among central ideas. The student's responses demonstrate minimal ability to solve problems and explain concepts. Problem solving strategies and procedures are often flawed or inappropriate and there may be many omissions. (Scaled Score 400–428)	2006-2007	5	5	93	19	1735	12
	2007-2008	6	6	109	21	1642	12
	2008-2009	3	4	82	17	1408	10
	Cum. Total*	14	5	284	19	4785	12

	Nun	nber	Avera	age Point	s Attaine	d (Numbe	er and Pe	rcent)
Learning Results Content Standards		oints sible	Sch	ool	SA	AU	Sta	ate
	N	%	N	%	N	%	N	%
Mathematics Total Points	48	100	32.1	66.9	29.3	61.0	30.8	64.2
A. Number	20	42	12.7	63.5	11.6	58.0	12.5	62.5
B. Data	8	17	5.8	72.5	5.2	65.0	5.3	66.3
C. Geometry	10	21	6.6	66.0	6.1	61.0	6.5	65.0
D. Algebra	10	21	7.1	71.0	6.4	64.0	6.5	65.0

The MEA assesses students' mathematics knowledge based on questions that measure the mathematics accountability content standards contained in Maine's 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at: http://www.maine.gov/education/lres/pei/index.html

Content Standard A, Number, includes Whole Number, Rational Number, and Real Number.

Content Standard B, Data, includes Measurement and Approximation, Data Analysis, and Probability.

Content Standard C, Geometry, includes Geometric Figures, Geometric Measurement, and Transformations.

Content Standard D, Algebra, includes Symbols and Expressions, Equations and Inequalities, and Functions and Relations.



MATHEMATICS RESULTS

(CONTINUED)

Test Date: March 2009

Grade:

SAU: Portland Public Schools School: Harrison Lyseth Elem School

¥						nool							SA	\U					Sta	ate		
REPORTING CATEGORIES	Tested		E		М		P		D	Mean Scaled	Tested	E	М	P	D	Mean Scaled	Tested	E	М	P	D	Mean Scaled
	N	N	%	N	%	N	%	N	%	Score	N	%	%	%	%	Score	N	%	%	%	%	Score
All Students	72	9	13	42	58	18	25	3	4	449	479	10	53	20	17	444	13609	13	53	24	10	446
Ethnicity African American/Black American Indian or Native Alaskan Asian or Pacific Islander Hispanic Caucasian/White Not Reported	5 0 4 3 60	9	0 15	3	60 60	2	40 22	0	3	445 450	82 2 45 22 328 0	2 7 0 13	29 36 55 61	32 22 23 17	37 36 23 9	434 438 438 447	415 123 225 147 12699 0	5 12 22 3 13	41 46 45 58 54	30 28 20 30 23	24 13 12 10 10	439 445 448 443 447
Identified disability Yes No	9 63	1 8	11 13	4 38	44 60	3 15	33 24	1 2	11 3	445 449	82 397	1 12	38 56	23 20	38 13	435 446	2227 11382	3 14	34 57	33 22	30 7	437 448
Current LEP Yes No	3 69	9	13	41	59	16	23	3	4	449	98 381	3 12	27 59	31 18	40 11	433 447	370 13239	7 13	35 54	31 23	27 10	439 447
Economically disadvantaged Yes No	13 59	0 9	0 15	5 37	38 63	6 12	46 20	2	15 2	439 451	216 263	3 15	41 62	25 16	31 6	437 450	5704 7905	6 18	48 57	30 19	16 6	442 450
Migrant Yes No	0 72	9	13	42	58	18	25	3	4	449	0 479	10	53	20	17	444	6 13603	17 13	33 53	50 24	0 10	448 446
Gender Female Male Not Reported	38 34 0	3 6	8 18	25 17	66 50	9	24 26	1 2	3 6	448 450	251 228 0	8 12	52 53	22 19	18 16	443 445	6591 7018 0	12 13	54 53	24 24	11 10	446 447
Title 1A targeted program Yes No	5 67	0 9	0 13	2 40	40 60	2 16	40 24	1 2	20 3	437 450	217 262	4 15	40 63	26 16	29 7	437 449	2131 11478	3 14	41 56	38 21	18 9	440 448
Gifted/talented program Yes No	0 72	9	13	42	58	18	25	3	4	449	3 476	9	53	21	17	444	324 13285	64 11	34 54	2 24	0 11	464 446

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested.

= Number



MATHEMATICS RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2009

Grade:

SAU: **Portland Public Schools** Harrison Lyseth Elem School School:

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					Sch	ool							SA	U					Sta	te		
QUESTIONNAIRE ITEMS	Students in Each Category		E		VI		P	ı	D	Mean Scaled Score	Students in Each Category	E	М	Р	D	Mean Scaled Score	Students in Each Category	E	М	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%	Jeore	%	%	%	%	%	Jeore	%	%	%	%	%	Jeore
How much homework do you do on school nights?				_		_						_										
A. none B. less than one hour	1 54	1 3	100 8	0 22	0 58	0 12	0 32	0	0	470 448	4 70	6 10	28 56	22 21	44 14	433 445	4 75	4 13	37 55	30 23	28 9	438 447
C. one to two hours	42	4	13	18	60	6	20	2	7	449	24	12	50	20	19	445	18	12	54	24	10	446
D. more than two hours	3	1	50	1	50	0	0	0	0	458	3	8	38	15	38	432	2	7	39	29	25	440
Which of the following best describes how you rate yourself as a student in mathematics?																						
A. very good	35	8	32	13	52	3	12	1	4	456	34	19	54	13	15	447	37	22	56	16	7	451
B. good	49	1	3	21	60	11	31	2	6	445	44	7	57	20	16	444	45	9	56	25	9	446
C. fair	15	0	0	7	64	4	36	0	0	443	19	2	43	34	21	439	14	3	46	34	17	440
D. poor	0										2	0	36	27	36	435	3	2	33	35	29	436
How well do the questions that you have just been given on this MEA test match what you have learned in school about mathematics?																						
A. The questions on the test match what I have learned in mathematics class.	21	4	27	6	40	4	27	1	7	450	26	18	56	19	7	449	35	19	56	19	7	450
B. They match some of what I have learned.	69	3	6	32	65	12	24	2	4	448	58	7	58	21	14	445	51	11	56	25	8	446
C. They match just a little of what I have learned.	10	2	29	3	43	2	29	0	0	449	13	10	35	25	30	440	10	5	43	31	21	440
D. There is no match.	0										4	0	11	5	84	422	4	3	26	33	37	434
How hard was the mathematics part of this test?									_			_						_				
A. harder than my regular schoolwork B. about the same as my regular schoolwork	27 59	1 4	5 10	13 27	68 66	4 9	21 22	1 1	5 2	447 450	24 59	6 11	35 60	27 19	32 11	438 446	17 62	5 13	44 57	31 23	20 7	441 448
C. easier than my regular schoolwork	14	4	40	1	10	4	40		10	450	18	12	54	17	17	446	21	18	53	19	10	448
On average, how many minutes a day do you spend working on			"	· ·										"	"				"			
mathematics in class?							1															
A. less than 30 minutes	0						1				7	0	21	24	55	429	7	6	36	32	27	438
B. 30–45 minutes	3	0	0	1	50	0	0	1	50	444	25	7	51	21	21	443	25	7	52	28	12	444
C. 45–60 minutes D. more than 60 minutes	52 45	5 4	14 13	19 21	51 66	11 7	30 22	2	5 0	447 451	43 25	9 18	55 60	23 14	14 8	444 450	38 30	14 18	56 56	22 19	8 7	448 449
	45	4	13	21	00	'	22	"	0	451	25	10	60	14	٥	450	30	10	50	19	′	449
How often do you use calculators in mathematics class? A. almost every day	0										3	7	20	33	40	434	3	4	36	31	28	438
B. two or three days a week	3	0	0	0	0	2	100	0	0	435	17	6	48	24	23	441	12	13	51	26	10	446
C. two or three times each month	32	4	17	16	70	3	13	0	0	453	31	13	62	17	8	448	32	15	58	20	7	449
D. never or almost never	65	5	11	25	54	13	28	3	7	448	49	9	52	20	19	443	53	11	53	25	11	446
How often do you use hands-on materials in mathematics class?																						
A. almost every day	3	0	0	1	50	1	50	0	0	441	26	9	45	19	26	441	26	12	50	25	13	445
B. two or three days a week C. two or three times each month	54 36	5 4	13 16	20 17	53 68	12 3	32 12	1	3	448 452	39 26	9 14	55 63	20 17	16 6	444 449	32 26	14 13	57 56	21 22	7 8	448 448
D. never or almost never	7	0	0	2	40	2	40		20	440	9	2	36	38	24	437	17	9	50	27	13	444
Optional school/SAU question																						
A	0										25	0	0	25	75	428						
B.	0										38	0	17	17	67	427						
C. D.	100	0	0	1	50	1	50	0	0	439	31 6	0	60	20	20	441						
U.	0								-		6	U	0	100	0	430						
							!		!													
									-													
	1	1	1	1	1	1	1	1	1	1	1	ı	!	!	!	1	1	1	!	!	!	1

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards N = Number